

§ 650.238

Explanation of difference between items 8 and 9: project advanced to provide margin of safety.

10. *Other Relevant Information.* Citizens complaints received on 12/15/73. Suits initiated on 12/30/73 by Onaconda Environmental Study Group.

11. Funding.

[In thousands of dollars]

PEMA	Fiscal years				
	1976	1977	1978	1979	1980
Programed	¹ \$875	0	0	0	0
Unprogramed ...	0	0	0	0	0

¹ Included as part of plant modernization program.

Figure 10-3

EXHIBIT 1

CIRCULAR NO. A-106

ENVIRONMENTAL POLLUTION CONTROL

Proposed Project Report

Agency: Department of the Army

Media: Water

Project No.: A-999b.

Date Prepared: 2-29-72

Date Revised: 12-26-73

GSA Inventory Control No.: 45678

1. *Facility.*

Name: Camp Faraway.

Address: Mulch City, Enny County, S.D.

Agency Contact: Col. John Smith, Facilities Engineer. (615) 755-0022.

2. *Specific Type of Pollution.* Domestic sewage, partly treated. Existing treatment plant overloaded. Excess flow bypassed to river. Influent includes small amounts (.01 mgd) of filter backwash from water treatment plant containing precipitates of alum, iron, and manganese.

3. *Amount of Pollution.* Total flow: 6.2 mgd. Treated: 4.0 mgd.

4. *Pollution Source, and Discharge, Emission, or Deposit Point.* Secondary treatment plant discharges to Obstacle River, 3 miles below Mulch City water supply intake.

5. *Existing Treatment and Other Control Measures.* Secondary—high rate trickling filter plant, final sedimentation, and chlorination. Design Capacity=4.0 mgd.

6. *Effectiveness of Existing Treatment and Control.*

32 CFR Ch. V (7-1-97 Edition)

Principal constituent	In parts per million		
	Influent	Treated effluent	Percent removal
BOD5	235.00	36.00	83
Suspended solids	392.00	60.00	85
Total phosphorous as P	8.98	4.67	48
Total nitrogen as N ..	24.96	21.14	15

7. *Remedial Measures Proposed and Estimated Effect in Correcting Problem.* Replace existing treatment plant with AWT plant: chemical/activated sludge/multi-media filtration to achieve 95 percent removals or better. Design capacity=7.5 mgd.

8. *Applicable Standards. State Standards.* SD Code: Water Poll—Chapter 61, 1960 Supp. SD Code: Public Health—Chapter 27, 1960 Supp. Water Quality Standards for Surface Waters: Reg E-1.10A (Rev.).

Federal Regulations. 40 CFR 125, 133, PL 92-500, SS 301, 313, PL 92-500, S 402-NPDES, NPDES Permit Number-SD0012345, Permit Period—1974-1979.

9. *Project Schedule.*

	Agency schedule—month and year	Regulation schedule—month and year
Design (completion)	4-75	N/A
Construction (start)	6-75	5-75
Construction (completion)	2-77	1-77
Operation (start)	4-77	N/A
Final compliance	6-77	7-77

Regulation schedule as required by NPDES permit. State water quality standard requires adequate secondary treatment by 1/74.

Unable to meet State requirement because of design problems and funding cycle. State has permitted delay on condition NPDES permit deadline is met.

10. *Other Relevant Information.* Installation may become surplus in FY 75 or FY 76 leading to project discontinuance.

Funding.

[In thousands of dollars]

MCA	Fiscal year				
	1976	1977	1978	1979	1980
Programed	0	\$8,000	0	0	0
Unprogramed ...	0	0	0	0	0

Department of the Army, DoD

\$ 650.238

Figure 10-4

EXHIBIT 1

CIRCULAR NO. A-106

ENVIRONMENTAL POLLUTION CONTROL

Proposed Project Report

Agency: Department of the Army.
Media: Solid Waste.

Project No.: A-001
Date Prepared:
2/11/74
Date Revised:
GSA Inventory
Control No.:

1. *Facility.*

Name: Camp Faraway.
Address: Mulch City, Enny County, SD
Agency Contact: Col. John Smith, Facilities
Engineer (615) 755-0022.

2. *Specific Type of Pollution.* Camp landfill.

3. *Amount of Pollution.* Leachate of high BOD concentration.

4. *Pollution Source, and Discharge, Emission, or Deposit Point.* Landfill is used for disposal of installation wastes. Due to frequent rains, wastes build up high moisture content and leachate, which emanates from side of fill. Also, area is noted to be a common breeding ground for flies and mosquitos, and is generally unsightly.

5. *Existing Treatment and Other Control Measures.* a. Landfill receives 10 tons per day of solid waste altogether, 5 from the Camp and 5 from the nearby Lindberg Air Base. It consists mainly of normal municipal-type wastes delivered on Monday, Wednesday and Friday of each week. Once a week a large load of oily rags is dumped in one corner of the landfill site.

b. Landfill was first opened in Summer of 1970 and is designed to operate until 1990.

c. Some control of run-off waters is exercised by a trench on the downhill side of landfill draining into a settling pond.

6. *Effectiveness of Existing Treatment and Control.* Trench prevents run-off waters from entering local bay waters, but does not solve vector, or aesthetic problems, nor does it minimize the amount of leachate forming.

7. *Remedial Measures Proposed and Estimated Effect in Correcting Problem.* Purchase of bulldozer to compact and cover wastes, minimize formation of leachate, control vectors, and improve general appearance. Relocate landfill to area with better drainage.

8. *Applicable Standards.* EPA Guidelines for Land Disposal of Solid Wastes, published in FEDERAL REGISTER July 1, 1974, requirements under §§241.204, 241.207, 241.208, 241.209, and 241.210.

9. *Project Schedule.*

	Agency schedule month and year	Agency schedule month and year
Design (completion)	N/A	N/A
Construction (start)	N/A	N/A
Construction (completion)	N/A	N/A
Begin procurement action	7-75	N/A
Operation (start)	7-76	N/A
Final compliance	7-76	N/A

10. *Other Relevant Information.* Station planning to build an incinerator in 1980 to extend life of landfill.

11. *Funding.*

[In thousands of dollars]

	Fiscal years				
	1976	1977	1978	1979	1980
PEMA:					
Programed	0	0	0	0	0
Unprogramed	\$30	0	0	0	0
OMA:					
Programed engineering study	\$3	0	0	0	0
Unprogramed construction new landfill		\$10			

Figure 10-5

EXHIBIT 1

CIRCULAR NO. A-106

ENVIRONMENTAL POLLUTION CONTROL

Proposed Project Report

Agency: Department of the Army.
Media: Radiation.

Project No.: A-001
Date Prepared:
6/14/74
Date Revised:
6/15/74
GSA Inventory Control No.:

1. *Facility.*

Name: Camp Faraway, Power Reactor.
Address: Mulch City, Enny County, S.D.
Agency Contact: Col. John Smith, Facilities
Engineer (615) 755-0022.

2. *Specific Type of Pollution.* Tritium in primary water cooling system.

3. *Amount of Pollution.* Tritium concentrations exceed new NRC, EPA and DA standards for discharge of primary coolant water.

4. *Pollution Source and Discharge, Emission or Deposit Point.* Primary coolant water discharged to holding tank and then periodically released to Lake Enny.

5. *Existing Treatment and Other Control Measure.* Holding tank before release to lake.

6. *Effectiveness of Existing Treatment and Control.* Only limited decay obtained from retention in holding tank.